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(54) MOBILE RADIO COMMUNICATION SYSTEM

area is reduced to 7.

(57) Abstract:

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PURPOSE: To improve the rate of connection and of utility of equipment through the flexibility provided for the equipment of adjacent base stations.

CONSTITUTION: Standard service areas 4~6 are a part of service area group constituting a system, and strength of electric field of transmitting waves from base stations 1~3 reaching a mobile station moving a moving path 11 is respectively 13~15. The base station 1 has radio channels of a1~a5, the base station 2 has those of b1~b5 and the base station 3 has those of c1~c5, and the transmission power of each channel is the same at the standard time. A control station 12 detects always the rate of line utility of each base station, and when the rate of utility of lines of a certain base station, that is, traffic intensity, exceeds a set value and it is known that the lines of an adjacent base station has a margin, the transmission power of the base station is controlled. That is, if a traffic intensity exceeding the design value is concentrated on the standard area and the adjacent area has a margin, the transmission power of the base station 2 is reduced and the service

